



Service Manual

Built-in oven
AKZ 231/WH

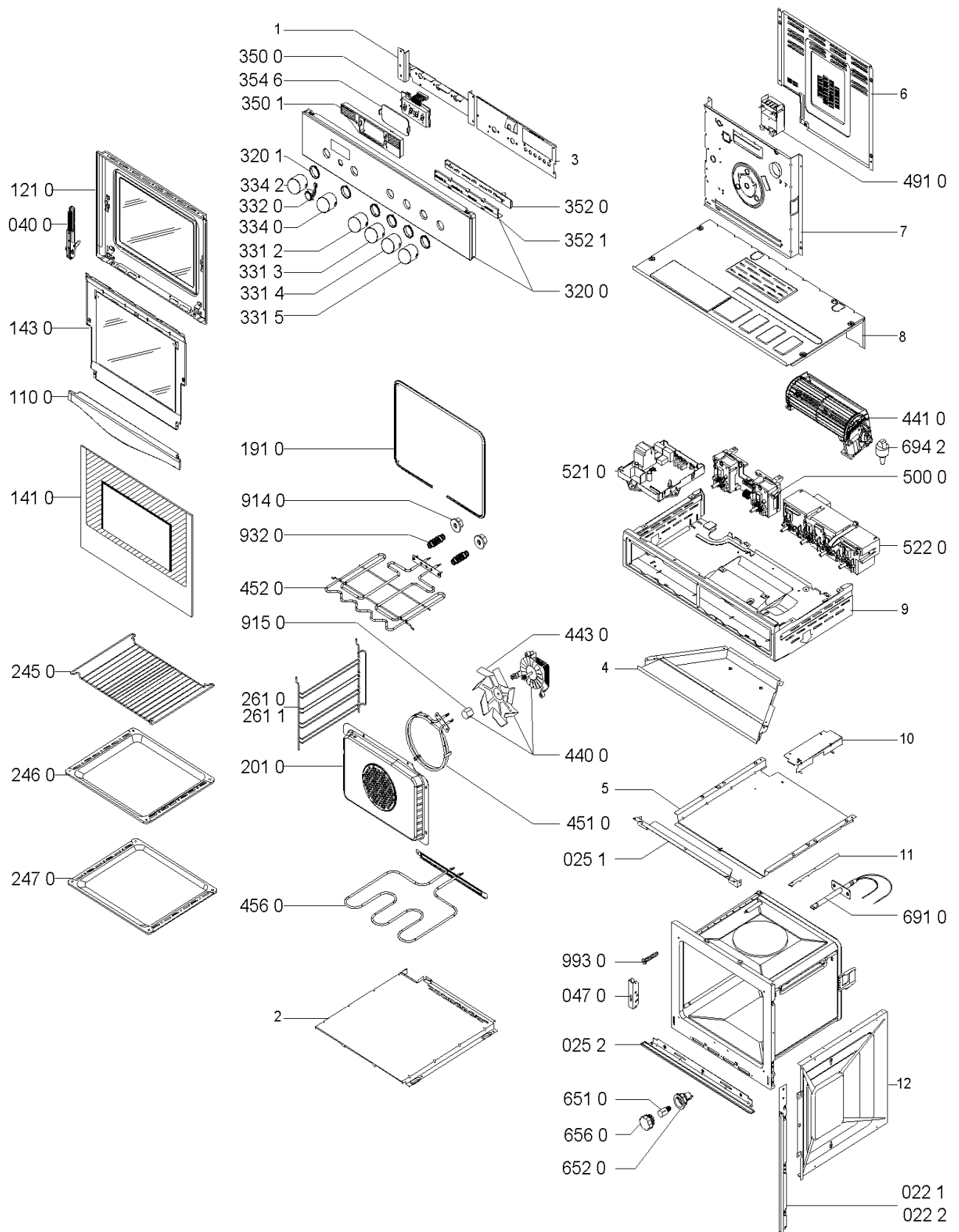
Model Version		Page
	AKZ 231/WH 8585 231 01010	
	Spare part list	2
	Exploded view	3
	Wiring diagram	4 - 5
	Technical data	6

Spare part list

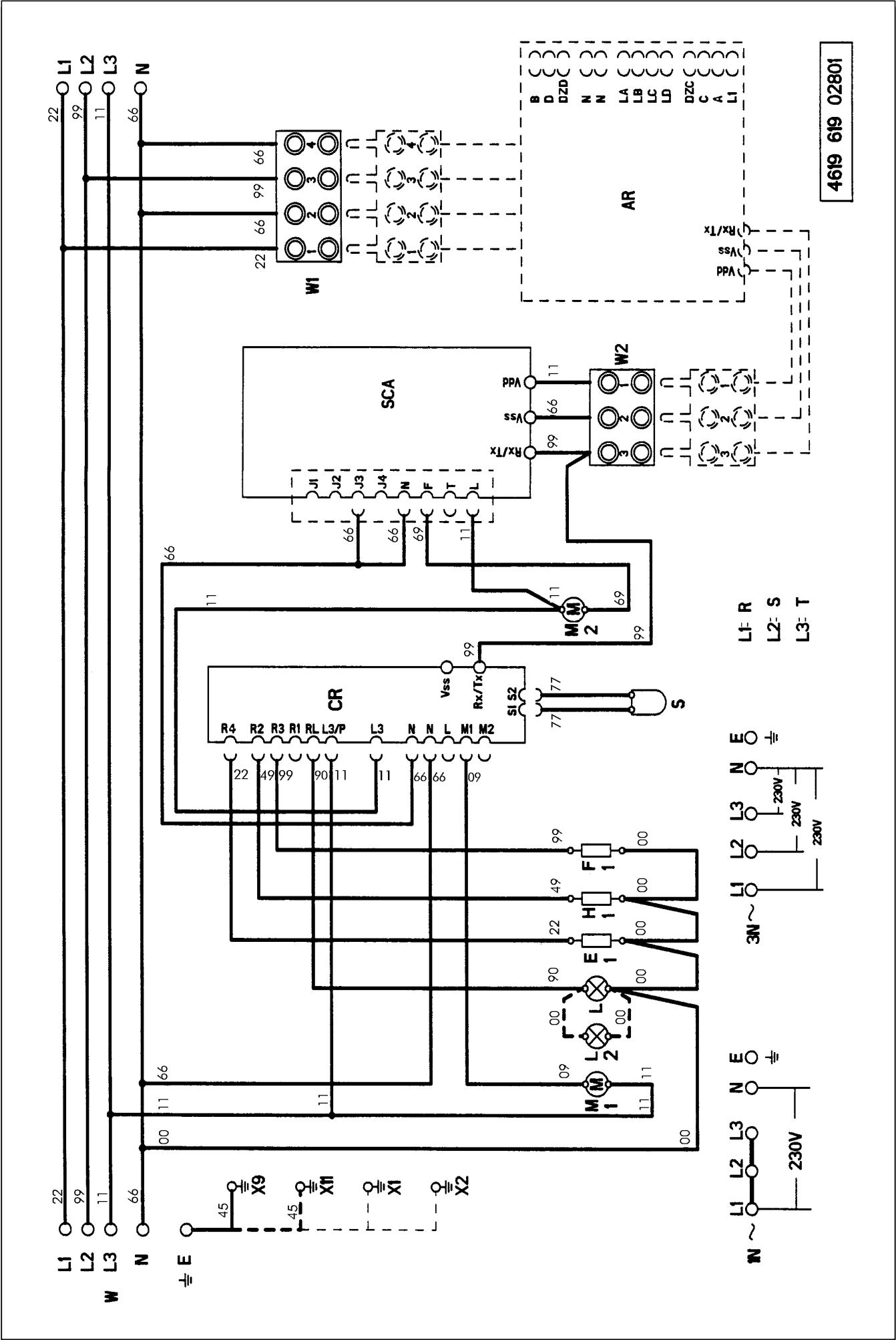
Model AKZ 231/WH
Service No. 858523101010
Version 858523101010

Pos. No.	12NC Code	Description
022 1	4819 460 78827	Trim, side le.
022 2	4819 460 78826	Trim, side ri.
025 1	4819 460 78628	Trim, lower
025 2	4819 460 78849	Trim, lower
040 0	4812 417 18839	Hinge
047 0	4812 417 18837	Hinge run.mech.
110 0	4812 498 78058	Door handle
121 0	4819 442 39501	Innerdoor,oven
141 0	4812 450 58318	Oven glass
143 0	4819 459 28301	Frame
191 0	4819 468 18109	Gasket
201 0	4819 442 39496	Panel
245 0	4819 458 19991	Oven shelf
246 0	4819 418 38366	Baking tray
247 0	4819 418 38367	Tray,leak
261 0	4819 458 68266	Inset grid left
261 1	4819 458 68265	Inset grid right
320 0	4812 453 19569	Panel,control
320 1	4819 532 68721	Collar
331 2	4812 412 78581	Knob
331 3	4812 412 78582	Knob
331 4	4812 412 78583	Knob
331 5	4812 412 78584	Knob
332 0	4819 276 18434	Microswitch
334 0	4812 411 28574	Knob
334 2	4812 411 28573	Knob
350 0	4819 130 38087	Display
350 1	4819 404 79544	Holder
352 0	4819 214 78637	Program indic.
352 1	4819 404 79439	Support
354 6	4819 902 00644	Display glass
440 0	4819 361 78242	Motor
441 0	4819 361 18475	Motor 230 V 22W
443 0	4819 515 48065	Fan wheel
451 0	4819 259 28823	Heating element circulation
452 0	4819 259 28992	Heating element upper/grill
456 0	4819 259 28989	Heating element lower KIT 240 V1450W
491 0	4812 290 68166	Connect.block
500 0	4819 214 78691	Module switch+timer G2A 11POS:
521 0	4819 310 39791	Control unit electronic KIT 2 D
522 0	4819 214 78707	Control unit hob
651 0	4819 134 88153	Lamp,oven
652 0	4819 255 18237	Holder,lamp
656 0	4819 450 69844	Lamp screen
691 0	4819 210 78097	Sensor temper.
694 2	4819 466 69505	Stopper
914 0	4819 505 18323	Nut
915 0	4819 505 18145	Nut
932 0	4819 492 68714	Spring
993 0	4819 310 39036	Accessory fitting

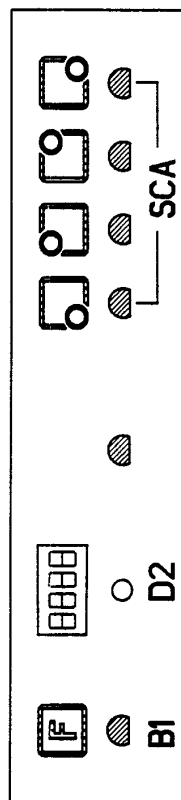
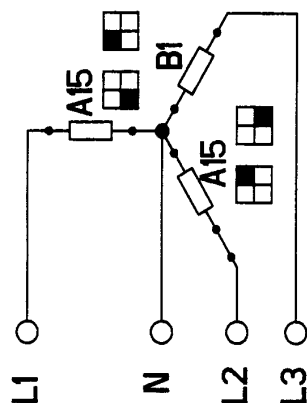
Exploded view



Wiring diagram



Wiring diagram



4619 619 02801

AR	ELECTRONIC HOB POWER UNIT
B1	OVEN SELECTOR
CR	ELECTRONIC OVEN POWER UNIT
D2	OVEN TIMER
E1	UPPER/GRILL HEATING EL.
F1	ROUND HEATING EL.
H1	LOWER HEATING EL.
L1	OVEN LAMP
L5	LATERAL OVEN LAMP
M1	CAVITY FAN
M2	COOLING FAN
S	CAVITY TEMPERATURE PROBE
SCA	ELECTRONIC HOB CONTROL UNIT
W	MAINS TERMINAL BLOCK
W1	CONNECTOR POWER SUPPLY FOR HOB
W2	CONNECTOR DATA TRANSMISSION
X1	EARTHING CABINET
X2	EARTHING HOB
X9	EARTHING UPPER HEATING ELEMENT
X11	EARTHING LATERAL LAMP HOLDER
00	BLACK
11	BROWN
22	RED
33	ORANGE
44	YELLOW
55	GREEN
66	BLUE
77	VIOLET
88	BLUE SKY
99	WHITE
09	WHITE-BLACK
29	WHITE-RED
49	WHITE-YELLOW
69	WHITE-BLUE
90	GREY
45	YELLOW-GREEN

Technical data

Electrical connection

Rated voltage	230 V ~		
Main connection	400 V	3N~ 50	Hz
	400 V	2N~ 50	Hz
	230 V	1N~ 50	Hz
Power usable contemporaneously	3650		W
Upper heating element / Grill element	2350		W
Lower heating element	1450		W
Forced air	1920		W
Booster	3650		W

Electrical components

Auto timer	Interface module
Hob control	Electronic control unit

Accessories

Baking tray	375 x 445.5	mm
Fat pan enameled	375 x 445.5	mm
Grid chrome	446.5 x 340	mm

Failure codes

Fault	Defect	Intervention
F01	Open or short circuit of the temperature probe	Replace the temperature probe
F02	Overheating of the oven	Replace Capricorn (oven power unit)
F03	Capricorn not properly configured	Replace Capricorn (oven power unit)
F04	WISP protocol doesn't work (communication error)	Replace Capricorn (oven power unit) or replace Scales (hob control unit)

